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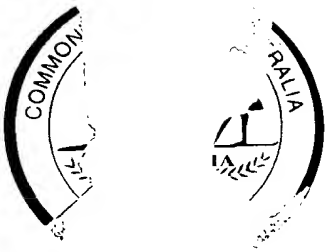
I, JONNE YABSLEY, TEAM LEADER EXAMINATION SUPPORT AND SALES hereby certify that annexed is a true copy of the Provisional specification in connection with Application No. PQ 5745 for a patent by GLENN WALLABY PALMWAY filed on 22 February 2000.

I further certify that pursuant to the provisions of Section 38(1) of the Patents Act 1990 a complete specification was filed on 06 February 2001 and it is an associated application to Provisional Application No. PQ 5745 and has been allocated No. 18289/01.



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Third day of May 2002

J R Yabsley

JONNE YABSLEY
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AUSTRALIA

Patents Act 1990

PROVISIONAL SPECIFICATION

POWER HOOK - FORCE FLIES AND LURES

The invention is described in the following statement:

POWER HOOK, FORCE FLIES AND LURES

This invention relates to improvements in metallic fishing hooks to increase their attractiveness to fish through a generated electromagnetic field.

The power hook consists of a fishing hook with a conductive wrapping which is both insulated from the hook, and exposed to the water.

Impure water (such as sea water), acts as an electrolyte to generate differential charges in the two dissimilar conductors (i.e. the hook and the wrapping). The electromagnetic field created gives a force which can be attractive to fish.

The power hook concept can utilise all variety of hooks, insulating layers, and conductive wrappings to be applied as appropriate, such as, but not limited to, treble hooks on lures, single hooks for 'force' flies and dead baits, or to give live bait extra appeal.

To assist with understanding the invention, reference will now be made to the accompanying drawing which shows one example of the invention.

In the drawing:

FIG. 1 shows one example of a power hook according to this invention.

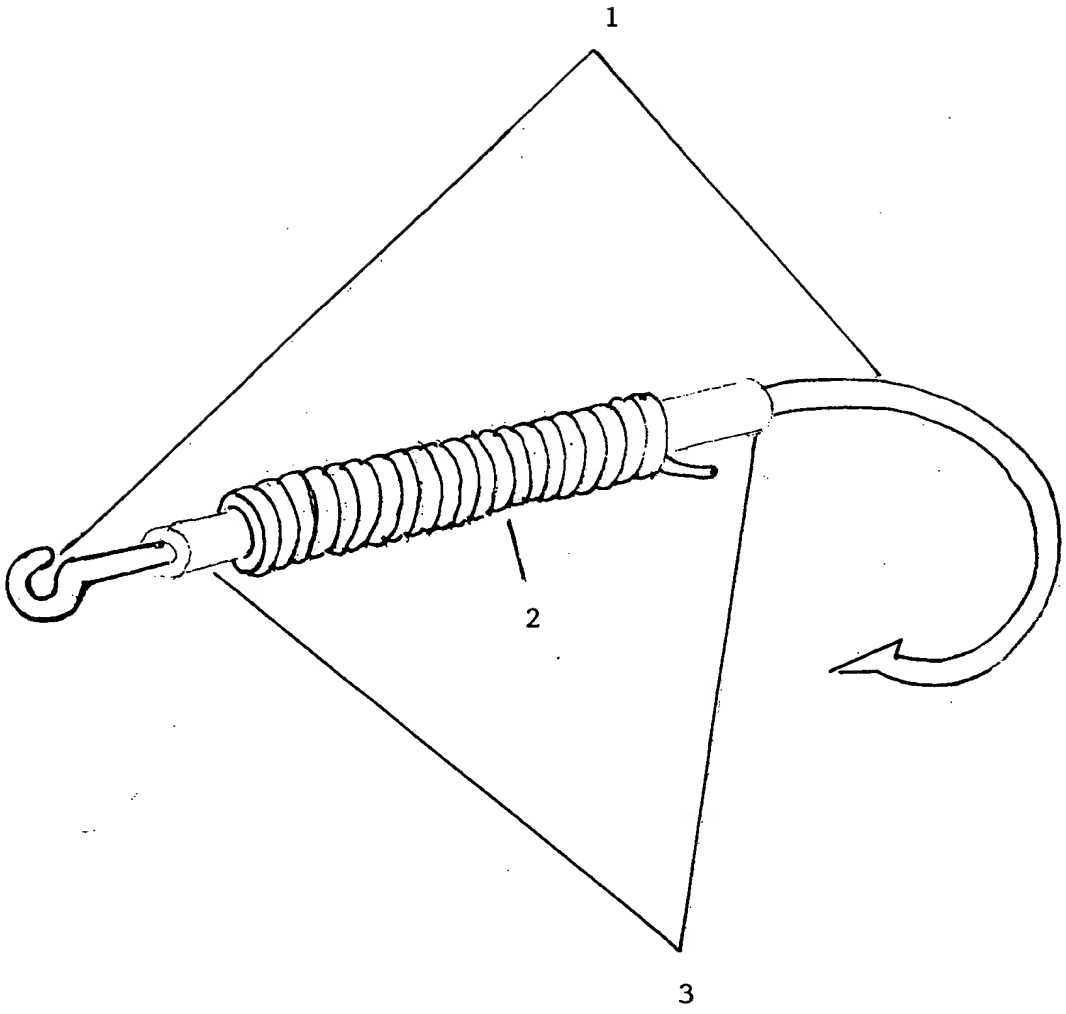
Referring to FIG. 1, it can be seen that the power hook according to this invention comprises a metallic fishing hook (1) with a conductive wrapping (2) which is insulated (3) from the hook. The hook becomes powered when immersed in impure water.

It will be realised that the power hook according to this invention, is not restricted to the simplified example as shown. This simplified example can be adapted to a variety of materials and mode of manufacture to suit angling style or desired field generation, such as, but not limited to, the hook's composition or inherent magnetism, the insulation layer's design or dimension as to affect flotation or permeability, or the conductive wrappings modification to vary weight or the type or intensity of field generated as in multiple wrappings to generate complex fields.

GLENN W. PALMWAY-RILEY 18 February 2000

ABSTRACT

The power hook and its application is disclosed. The power hook is a fishing hook (1) that is electromagnetically charged by addition of a conductive wrapping (2) which is insulated (3) from the hook. The power hook concept can be applied to all styles of fishing hooks to suit all styles of fishing, such as, but not limited to, fly fishing, lure fishing or bait fishing.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VERSION WITH MARKINGS TO SHOW CHANGES MADE

TITLE OF INVENTION ~~Power Hooks, Force Flies and Lures~~
Fishing hooks and lures

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CROSS-REFERENCE TO RELATED APPLICATIONS

Provisional application; Australia No. PQ5745 filed 22 February 2000

STATEMENT REGARDING FEDERALLY SPONSORED "Not Applicable"

REFERENCE TO A MICROFICHE APPENDIX "Not Applicable"

BACKGROUND OF THE INVENTION

This invention relates to improving the traditional fish hook to make the said fish hook attractive to fish through the generation of an enhanced electromagnetic field and to a lure body of similar construction.

This invention improves upon the traditional inanimate fish hook and simplifies the complex apparatus of traditional electromagnetic generating fishing lures such as described in the patent US5175950.

SUMMARY OF THE INVENTION

The invention consists of, in one embodiment, a conductive fish hook with a conductive winding which is both insulated from the said fish hook, and exposed to the water.

The invention consists of, in another embodiment, a fishing lure of similar characteristics.

Impure water (such as sea water) acts as an electrolyte to generate differential charges in the two dissimilar conductors (i.e. the fish hook and the winding). The two conductors generate an electromagnetic field which can be attractive to fish.

The power hook improvement can apply to all variety of conductive fish hooks, insulating layers, and conductive windings to be applied as appropriate, such as, but not limited to, multiple hooks on lures, single hooks for 'force' flies and dead baits, or to give live bait extra appeal.

BRIEF DESCRIPTION OF THE DRAWING

FIG.1 is a perspective view of one example of a fish hook embodying the invention.

DETAILED DESCRIPTION OF THE INVENTION

Referring to FIG.1, it can be seen that the improved fish hook according to this invention comprises a metallic and/or conductive fishing hook (1), an insulating layer (2), and a conductive winding (3). The hook becomes further powered when immersed in impure water.

It will be realized that the improvements according to this invention are not restricted to the simplified example as shown in FIG.1. This simplified example can be adapted to a variety of materials and mode of manufacture to suit angling style or desired field generation, such as , but not limited to, the hook's (1) composition or inherent magnetism, the insulation layer's (2) design or dimension as to affect flotation or permeability, or the conductive winding's (3) modification to vary weight or the type or intensity of field generated, as in multiple windings or rotating coils to generate complex fields.

In another embodiment of the invention the invention is a fishing lure wherein the fish hook (1) can be substituted with a conductive core with means to attach a fish hook of preferred selection.

CLAIMS

I claim that the ~~Power Hook, Force Flies and Lures~~ Fishing hooks and lures consists of:

~~1. An electromagnetic field generating fish hook comprising~~;

a) a conductive fish hook;
b) an insulating layer;
c) a conductive winding.

~~2. The~~ improved fish hook of claim 1 wherein the conductive fish hook component of the invention is modified to vary or enhance the generated electromagnetic field.

~~3. The~~ improved fish hook of claim 1 wherein the insulating layer component of the invention is modified to vary or enhance the generated electromagnetic field.

~~4. The~~ improved fish hook of claim 1 wherein the conductive winding component of the invention is modified to vary or enhance the generated electromagnetic field.

~~5. An~~ electromagnetic field generating fishing fly comprising the improved fish hook of claim 1.

~~6. An~~ electromagnetic field generating fishing lure comprising;

a) a conductive core;
b) an insulating layer;
c) a conductive winding.

~~7. The~~ improved fish lure of claim 6 wherein the conductive core component of the invention is modified to vary or enhance the generated electromagnetic field.

~~8. The~~ improved fish lure of claim 6 wherein the insulating layer component of the invention is modified to vary or enhance the generated electromagnetic field.

~~9. The~~ improved fish lure of claim 6 wherein the conductive winding component of the invention is modified to vary or enhance the generated electromagnetic field.

~~10. An~~ improved hook, fly or lure substantially as herein described with reference to the ~~accompanying drawing.~~

11. A fishing hook comprising a body composed of a metal which is exposed for contact with water, a winding of metal, said winding having a central opening with said body being within the central opening such that the winding extends around the body, the metal of said winding being exposed for contact with water, and an insulating layer between the winding and the body to electrically insulate the winding from direct contact with the body, wherein the winding and the body are of dissimilar metals such that immersion of the hook in water results in the generation of a fish-attracting electromagnetic field as a result of electrolytic action between the two metals.

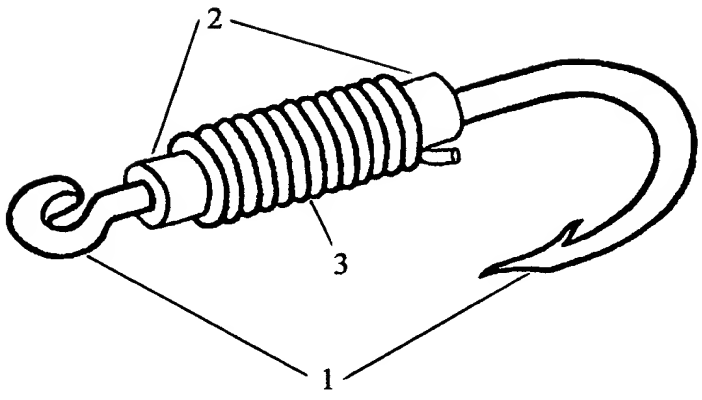
12. A fishing hook according to claim 11 wherein the body comprises a rectilinear part having at one end means for attachment of a line and at the other end a hook, wherein the winding is applied to the rectilinear part of the body.

13. A fishing lure comprising a body composed of a metal which is exposed for contact with water, a winding of metal, said winding having a central opening with said body being within the central opening such that the winding extends around the body, the metal of said winding being exposed for contact with water, and an insulating layer between the winding and the body to electrically insulate the winding from direct contact with the body, wherein the winding and the body are of dissimilar metals such that immersion of the lure in water results in the generation of a fish-attracting electromagnetic field as a result of electrolytic action between the two metals.

ABSTRACT OF THE DISCLOSURE

~~The Power Hook, Force Flies and Lures invention and its application is disclosed. The power~~ hook is a conductive ~~fish~~ hook wherein the electromagnetic field about the said hook is charged by addition of a conductive winding which is insulated from the said hook. The power hook improvement can be applied to ~~all styles of fishing~~ hooks to suit all styles of fishing, such as, but not limited to, fly fishing, lure fishing or ~~bait~~ fishing. The invention can embody a fishing lure with similar electromagnetic enhancement with ~~attached~~ hook or ~~hooks.~~

A fish hook or lure has a winding applied to a metal body of the hook or lure, with an electrically insulating layer between the winding and body. The winding and body are of dissimilar metals both exposed for contact with the water whereby when immersed in water electrolytic action between the winding and body causes generation of an electromagnetic field attractive to fish.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